Model Number

ODZ-MAH-B15-M3

Bluetooth modem, configured for USB

Features

- Wireless connection with Bluetooth-compatible handheld unit
- Fast readiness for service thanks to simple configuration using data matrix code
- Safe data transfer thanks to bidirectional communication
- 3 hand-held readers can be connected to a single modem
- 128-bit encryption available

Function

The ODZ-MAH-B15-M3 Bluetooth modem allows you to connect Bluetooth-enabled devices from the ODT-HH-MAH* and I*T-HH20 product family wirelessly to your PC, and to transmit the read data via radio signals.
With easy installation and a range of up to 10 m, the Bluetooth modem is ideal for when you want to use your Bluetooth-enabled devices on the move and without annoying wiring.
The modem is preconfigured in the factory for the cabling for the PC's USB interface.
Note: The USB connection cable is not included in the scope of delivery.

Matching system components

ODZ-MAH-CAB-B14
Connecting Cable with USB Interface

ODZ-MAH-CAB-R2
Connection cable RS 232 interface

Accessories

ODS-MAH-B15-ENCRYPT
Software for encrypted Bluetooth transfer

Technical data

Indicators/operating means	
Function indicator	Bluetooth (LED blue) flashing: no connection solid ON: active connection
Interface	
Physical	Bluetooth v1.2 Profil SSP (Serial Port Profile) Detection range up to 100 m
Transmitter frequency	2402 ... 2480 MHz (Bluetooth)
Transmitter radiated power	2.5 mW (Class 2)
Detection range	10 m
Transfer rate	max. 115 kBit/s
System requirements	
Hardware requirements	1 free USB slot , RS 232
Operating system	Microsoft Windows 2000, NT, or XP MAC OS, Linux, UNIX, or other
Ambient conditions	
Ambient temperature	0 ... 70 °C (32 ... 158 °F)
Storage temperature	-15 ... 80 °C (5 ... 176 °F)
Mechanical specifications	
Connection	System connector for connecting cable USB 1.1 RS 232 configured for USB
Dimensions	81 mm x 70 mm x 25 mm
Compliance with standards and directives	
Standard conformity	
Noise immunity	EN 55024:1998+A1+A2 EN 61000-4-2:2009 EN 61000-4-3:2006 EN 61000-4-4:2004 EN 61000-4-5:2005 EN 61000-4-6:2009 EN 61000-4-8:1993 EN 61000-4-11:2004
Emitted interference	EN 55022:2006
Safety	EN 60950-1:2006/A11:2009/A1:2010 IEC 60825-1:2007
Radio spectrum	ETSI EN 300328:V1.7.1
Approvals and certificates	
FCC approval	FCC ID: QQ6-XML02

Release date: 2015-08-10 13:44 Date of issue: 2015-08-10 210291_eng.xml